



PATENT

Docket No. 10164-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Arthur W. Chester et al.

Serial No. 09/351,147

Filed: July 12, 1999

For: CATALYTIC PRODUCTION OF LIGHT
OLEFINS FROM NAPHTHA FEED

Examiner: Walter D. Griffin

Group Art Unit: 1764

RESPONSE UNDER 37 C.F.R. §1.116

ATT: BOX AF

Commissioner for Patents

Washington, D.C. 20231

Sir:

In response to the Office Action mailed October 10, 2000, please amend the application as follows and consider the ensuing remarks.

IN THE SPECIFICATION:

Page 2, line 1, after "method" insert --, a small--.

REMARKS

Applicants request entry of the above amendment after final rejection inasmuch as it relates to a matter of form raised by the Examiner and places the application in better condition for allowance. Reconsideration of this application as presently amended is respectfully requested.

Claims 1-10 are presently in the application.

The present invention relates to a process for converting C₄+ naphtha hydrocarbon feed over a catalyst comprising ZSM-5, ZSM-11 or combinations thereof treated with phosphorus-containing compound, and a substantially inert matrix material. The contacting is carried out under conditions sufficient to produce a product containing light olefins and aromatics.

The process can be used to provide increased yields of ethylene, propylene and high quality motor fuels containing aromatics from low value

TECHNOLOGY CENTER 1700

F 012 200

RECEIVED